

March 24, 1952

Dr. C. Leventhal
Department of Physics
University of Michigan
Ann Arbor, Mich.

Dear Dr. Leventhal:

I am writing to you at the suggestion of Dr. S. E. Luria.

We have been working with a filtrable agent in *Salmonella typhimurium* that has some remarkable genetic properties, comparable in many ways to the transforming factors in the pneumococcus. This agent, however, seems to be associated with granules about .1 micron in diameter, not very different from a tail-less phage in appearance, except for a rather larger size dispersion.

We are faced with the problem of particle counts, for comparisons with activity assays. I thought you might be able to advise us on the use of calibrating suspensions. For present purposes, a precision of $\pm 50\%$ would be quite adequate. If you can help us with reprints of your methods, or further suggestions, we would be most grateful.

Yours sincerely,


Joshua Lederberg
Associate Professor of Genetics